

^{140}I $Z = 53$ $N = 87$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1152.126 (0.012) MeV

Qbeta- = 9.380 (0.012) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|------------------|----------|-------|-------|------------|------------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| ^{140}I | 1 | | | 0.000 (4-) | 1 0.86 S 4 |

S-p = 10.690 (0.013)-----

S-n = 3.206 (0.013)-----

S-2p = 23.562 (0.276)-----

S-2n = 7.769 (0.013)-----

S-alpha= 1.524 (0.013)-----

S+p = -11.880 (0.012)

S+n = -4.392 (0.020)

S+2p = -21.486 (0.014)

S+2n = -7.339 (0.013)

S+alpha = -2.090 (0.023)

gap p = -1.190 (0.018)

gap n = -1.186 (0.024)

gap 2p = 2.076 (0.277)

gap 2n = 0.429 (0.019)

gap alpha = -0.566 (0.027)